EXPERT

Travel Planner™

USER MANUAL

For IBM PC, XT, AT, PS/2 and compatibles

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Table of Contents

System Requirements and Installation 4
Graphical User Interface Overview 5
The File Menu 7
The Options Menu 11
The Journey Menu 12
The Display Menu 14
The Print Menu 20
The Help Menu 21
Expert Software License Statement 22
Service Policy/Product Support 24

Chapter 1: System Requirements and Installation

System Requirements:

MS or PC-DOS 3.0 or higher, 640K RAM, VGA graphics adapter. Mouse suggested but not required. Supports Epson Dot Matrix, HP series II compatible laser printers. Hard disk required.

Safe Program

We have placed a program called "SAFE" on the distribution disks. This program scans the most important files to make sure that they're exactly the same as when they left our factory. This is to provide you with confidence that the disk does not carry a computer virus. We recommend you run the SAFE program from the DOS prompt to make this test before installing Expert Travel Planner.

Preparation:

Before you can use Expert Travel Planner, you must check for a CONFIG.SYS file in the root directory of the hard drive. This file must contain a line that reads "FILES=30" or an equivalent line with a higher number. It's easy to check for this file. At any DOS prompt type one of the following. If you're using a floppy, be sure your boot disk is in drive A:

```
TYPE C:\CONFIG.SYS          <Enter>
```

If you receive a "file not found" message, you don't have such a file and will have to create one according to the directions below. If you do have one, check for the FILES= line. If the number is 30 or higher, continue on to installation. If not, copy *every* line from that file carefully with pencil and paper.

To create your own CONFIG.SYS file, type the following carefully at the DOS prompt:

```
COPY CON C:\CONFIG.SYS  <Enter>
FILES=30                <Enter>
```

Note that after pressing the first <*Enter*>, the cursor will simply drop to the left-most column in the next line.

Users who wrote down additional lines from the existent CONFIG.SYS file should now type in those lines very carefully, excluding any duplicate lines with the words 'Files=.' If you make a mistake, proceed immediately to the directions in the next paragraph, and then start over from the beginning.

After typing in the lines as instructed above, press Function key F6. A ^Z will appear on screen. Next press <*Enter*>. DOS will respond with a "1 file copied" message and return you to the DOS prompt. To make the changes take effect, reboot your system by pressing CTRL-ALT-DEL (all three keys at the same time). You're now ready to use the program, or begin installation.

Installation

To install Expert Travel Planner to your hard drive, simply insert either the 3½ inch or the first 5¼ inch disk into a floppy drive (A B, etc.). Change the default drive to that drive (example: if the floppy disk is in drive A:, type `A:` and <*Enter*>). At the DOS prompt, then type `INSTALL` press the space bar once, type the drive name you wish to install to followed by a colon(`C:`), press the space bar once again and then type the name of the directory on your hard drive you are installing to (`TRAVEL`), press <*Enter*>. Let's assume your Travel Planner disk is in drive A:, this is what you would type:

```
A:                          <Enter>
INSTALL C: TRAVEL           <Enter>
```

The install program will advise its progress as it decompresses the files and copies them to your hard drive. If you're installing from the 360K disks, it will tell you when to change the disks.

Starting the Program

To start the program, simply log into the directory and type `TP` at the DOS prompt. In the example below, the program was installed to a directory called \TRAVEL, on the C: drive:

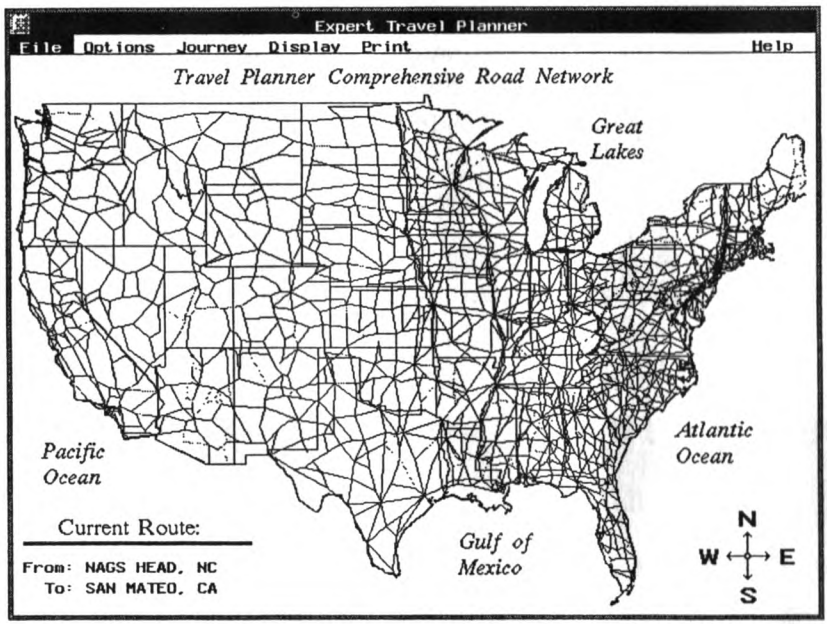
```
C:                          <Enter>
CD\TRAVEL                   <Enter>
TP                          <Enter>
```

Chapter 2: Graphical User Interface Overview

Expert Travel Planner utilizes a graphical user interface (GUI) to manage the information it presents. This allows us to present information such as maps on screen more easily, and enables greater program control for mouse users. If you haven't worked with a GUI, there are a few key terms we'd like to explain for you:

Window: a section of the screen which display information or graphics. The main window includes the menu bar; the only other window with a menu bar will be the one you see when you display the road networks for a given state.

Sometimes a menu command will cause a new window to appear over the old one. To close a window when done, press **Esc**ape, or move the mouse cursor to the close box in the upper left hand corner and press and release the left mouse button, or choose a button that ends the actions associated with the window. Usually, the button will be called 'OK' or 'Exit.'



Menu bar: a horizontal band across a window with menu titles. Press the underlined letter on the menu bar to 'pull down' a drop down menu. To choose a command on the drop down menu, type the underlined letter, certain popular commands can also be activated by using the Function key associated with it. The function key number are located to the right of the command name on the pulldown menu. Mouse users may move the cursor to a title on the menu bar, press down the left mouse button, move the cursor down the pulldown menu, and lift up the mouse button when the command of their choice is highlighted.

Button: a special control shaped like a button, which you 'push' to activate the command. The button will have a command written on it. If the command text is black, it means the command is available. If the command text is gray, it means the command is not available at this time. To activate the button, press the 'Alt' key, plus the underlined letter on the button. You may also use the tab key until a black box surrounds the button (indicating it's the current selection), then press *<Enter>*. Mouse users may move the mouse cursor over the button, then quickly press and release the left mouse button twice.

Chapter 3: The File Menu

The File menu controls the basic access to the data files, including your individual trip files, and the tourism, hotel and car rental information. If you wish to save the trip itineraries Expert Travel Planner can make for you, you must open a trip file via this menu.

New... F2

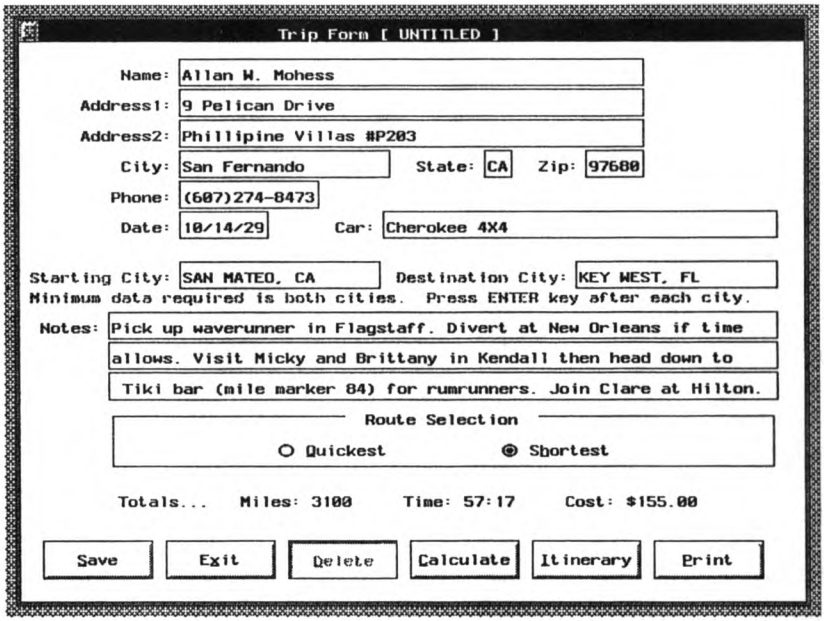
The New command provides you with a blank fill-in form for your trip. Keyboard users may use the Tab key to jump between the fill-in boxes. Mouse users may move the mouse cursor to any box, press and release the left mouse button , then type. You may enter your name and address, city, state and phone for information purposes; these will print out on the itinerary form. Type in the information you wish, including any notes on the trip. Once you've entered the basic information, tab to the Save or Exit buttons and press *<Enter>*. You may also hold the Alt key and type the underlined character on the button. Mouse users may simply move the mouse cursor to the button and press and release the left mouse button. Note that the text of the other buttons along the bottom of the window appear in gray when you first see the trip form. This is to tell you that these command buttons are not available. As you fill out the form, each of these buttons will become available for use.

You'll begin the process of planning the trip by specifying the starting and destination cities in the fill-in blanks. Just type in a city name in the 'Starting City' box and then press *<Enter>*. *Important*: remember to press *<Enter>* after typing in a city name, so that the program will know to check the city name you typed vs. the cities it knows. If the program can't identify the city name immediately, you'll see a new window with a popup list of the cities whose names most nearly match yours. Keyboard users, use the up or down arrow keys to highlight the city of your choice and press *<Enter>*. Mouse users may simply move the mouse cursor to a city name and press and release the left mouse button. Once the city is set, select the OK button; you'll return to the 'Trip Form' window. Tab to the 'Destination City' box and type the name of your destination city. Follow the same procedure for identifying your city from a list, if necessary.

Once you've selected two cities, you'll have access to the Calculate button on the bottom of the window. Before you calculate you may choose the Quickest or Shortest route by placing your mouse pointer on either radio button and pressing and releasing the left mouse button. Keyboard users may use ALT plus 'Q' for Quickest, or ALT plus 'H' for Shortest.

To have the program plan your trip, tab to the Calculate button and press *<Enter>*. You may also hold the Alt key and type 'C.' Mouse users may simply move the mouse cursor to the button and press and release the left mouse button.

A window will appear in displaying your calculation status, it then loads the roads into memory and calculate the quickest or shortest trip. Once the program has chosen a route, the window will tell you how many miles and how many hours travelling distance the route is. Press *<Enter>* or use the mouse to select the OK button to return to the previous window.


Trip Form [UNTITLED]
Name: Allan W. Mohess
Address1: 9 Pelican Drive
Address2: Phillipine Villas #P203
City: San Fernando
State: CA
Zip: 97680
Phone: (607)274-8473
Date: 10/14/29
Car: Cherokee 4X4
Starting City: SAN MATEO, CA
Destination City: KEY WEST, FL
Minimum data required is both cities. Press ENTER key after each city.
Notes: Pick up waverunner in Flagstaff. Divert at New Orleans if time
allows. Visit Micky and Brittany in Kendall then head down to
Tiki bar (mile marker 84) for rumrunners. Join Clare at Hilton.
Route Selection
Quickest
Shortest
Totals... Miles: 3100 Time: 57:17 Cost: $155.00
Save
Exit
Delete
Calculate
Itinerary
Print

The Itinerary button will now be available. When you select this button, a new window will appear in which you'll see a segment by segment itinerary of the trip just planned. It will list each segment by road name, the next midpoint on that road or the next road, and direction. Each line will tell you how many miles the segment is, the driving speed, and your expected driving time. A break will appear between sections for each state you enter if it's an interstate trip. The totals of mileage, gas consumption and driving time will appear at the bottom. You will also see the total gas expense. If the itinerary requires more than one screen, use the PgUp, PgDn, Up or Down arrow keys to move through the form. Mouse users may use scroll bar, as well. Move the mouse cursor to the up or down arrows on the scroll bar, then hold down the left mouse button to move through the itinerary in either direction

Press **Esc**ape, or move the mouse cursor to the close box in the upper left hand corner and press and release the left mouse button to return to the trip form window. The Print button should now be enabled. When you activate it, the itinerary will be sent to the printer.

It's to your advantage, once you've calculated a route, to choose the Save button; the program will store the route calculated, saving you the time it takes to recalculate the next time you plan this route. Note also the Delete button; this will allow you to delete a route from disk when no longer wanted.

Press **Esc**ape, or move the mouse cursor to the close box in the upper left hand corner and press and release the left mouse button to return from the trip form window to the main menu.

The trip you just planned will now be the active trip. You may display it on the map, by using either the Draw entire route or Draw route by state commands on the Display menu.

Open... F3

The Open command allows you to open a previously saved trip file. Saving a trip file allows you to save a trip form and travel itinerary on disk, so that you won't have to re-calculate the entire route the next time you run the program. When you use the Open command, a list of files with the extension .TRP will appear. Keyboard users, use the up or down arrow keys to highlight the file name of your choice. Mouse users may simply move the mouse cursor to a file name and press and release the left mouse button. A trip form with the previously saved data — name, address, starting and destination cities, etc. — will appear. For instructions on how to manage the trip form window, see the explanation for the 'New' command.

Facts

This command will allow you to browse through the city facts and tourism information database. When you choose the command, a window will appear. In the text area of the window, depending on which city is currently selected, you'll see a quick description of the city, hotel and car rental information, followed by the points of interest. If the text is longer than will fit in the window, you may use the scroll bar to move down to the bottom of the document. Mouse users may move the mouse cursor to the scroll bar and press and release the left mouse button, while keyboard users may use the PgUp, PgDn, Up or Down arrow keys. There are five control buttons on the bottom of the window. To select a button, hold the Alt key down and press the underlined letter on the button name. Mouse users may select the button by moving the mouse cursor and pressing and releasing the left mouse button.

> *Index*: allows you to view a master list of all the cities in the facts database, To choose a city from the list, click on the city name with your mouse, then click on the OK button. Keyboard users, use the up and down arrow keys to highlight a city name and press <*Enter*>

Previous: shows you the city in the database before the current city. If you're currently viewing the index, or reading about the first city in the list, the text on the button will be gray. This means the button is 'disabled,' i.e., the command is currently unavailable.

Next: shows you the city in the database after the current city. If you're currently viewing the index, or reading about the last city in the list, the text on the button will be gray. This means the button is 'disabled,' i.e., the command is currently unavailable.

Print: will send the text of the currently selected city to the printer.

Exit: leaves the facts database and returns to the main menu.

Hotels

This command will allow you to browse through the hotel directory database. When you choose the command, a window will appear. A list of hotel chains and their national reservations numbers will appear. You may use the scroll bar to move down to the bottom of the list. Mouse users may move the mouse cursor to the scroll bar and press and release the left mouse button, while keyboard users may use the PgUp, PgDn, Up or Down arrow keys. There are five control buttons similar to the ones in the 'Facts' window, but the only available will be 'Exit,' which will return you to the main menu, and 'Print,' which will print the list of numbers.

Car Rentals

This command will allow you to browse through the car rental company directory database. When you choose the command, a window will appear. A list of companies and their national toll-free reservations numbers will appear. You may use the scroll bar to move down to the bottom of the list. Mouse users may move the mouse cursor to the scroll bar and press and release the left mouse button, while keyboard users may use the PgUp, PgDn, Up or Down arrow keys. There are five control buttons similar to the ones in the 'Facts' window, but the only available will be 'Exit,' which will return you to the main menu, and 'Print,' which will print the list of numbers.

Quit... F10

This command will close all the databases and exit the program. You may also press function key F5 to quit. Important: never turn the power off on this program; you may halt the program in the middle of maintaining the files you need to run Travel Planner. Always use the Quit command, and turn the power off when you're back at the DOS prompt.

Chapter 4: The Options Menu

The Options menu controls the appearance of the program: its colors, fonts, and whether it makes noise to attract your attention.

System Colors

This will display a window in which you may select the colors for the individual screen elements. Hold down the Alt key and type the underlined letter of the element you wish to change (from the list at the right). Select the number of the color you wish to change it to from the list at the left and type it into the fill-in box. Mouse users may move the cursor to a fill-in box, then press and release the left mouse button, then type in a number. When done, hold down the Alt key and press 'O' to accept the changes ('OK'), 'D' to choose the default program colors, or press **Esc**ape to go back to the color settings before you made any changes at this screen. Mouse users may select either button or the close box in the upper left corner to return to the menu.

Sound

This allows you to turn off and on the error beep and alert sounds. The error beep, obviously, sounds when the program encounters a problem. The alert sounds when the program has finished a long procedure. A small window will appear. Use the up or down arrow key to select either 'Error Sound' or 'Other Sound.' A dotted line will appear around the words to indicate the selected choice. Use the space bar to add or delete the 'X' mark in the box next to each. The 'X' mark means the choice is turned on. Mouse users may move the mouse cursor directly to the check box and press and release the left mouse button to indicate their choice. Hold down the Alt key and type 'O' (for 'OK') when done, or mouse users may select the 'OK' button.

Fonts

This will display a window in which you may select the font size for screen text. Hold down the Alt key and type the underlined letter of your preference, or use the up and down arrow keys to flip between Large and Small. Mouse users may move the mouse cursor to the radio button next to their choice and press and release the left mouse button. When done, hold down the Alt key and press 'O' to accept the changes ('OK'), or press **Esc**ape to go back to the color settings before you made any changes at this screen. Note that the change will take effect the *next* time you run the program.

Road Labels

This command tells Travel Planner whether to display road names or not. If the

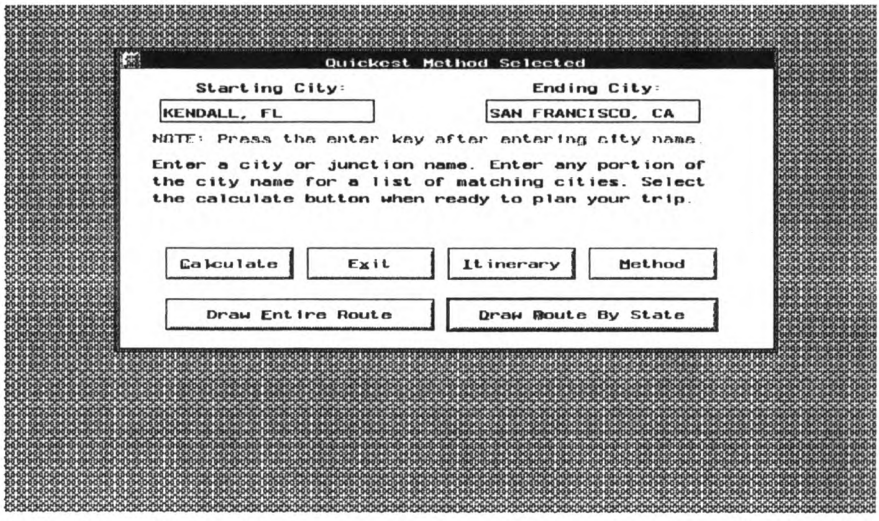
switch is set to No and the road network is redrawn using the Refresh screen command, no road names will appear on the map. The program labels each segment of the trip; sometimes the road names may overwrite (wholly or partially) each other on short segments.

Chapter 5: The Journey Menu

The Journey menu allows access to the Quick Planner as well as allowing you to set the preferred travelling speed, tell the program your average gas consumption and the price you pay for gas. With the Quick Planner, you may quickly plot a route between two cities without filling out a trip form. The Quick Planner will show your itinerary on screen and gives you the option of viewing your planned route, by state or on the entire U.S. map.

Quick Planner... F4

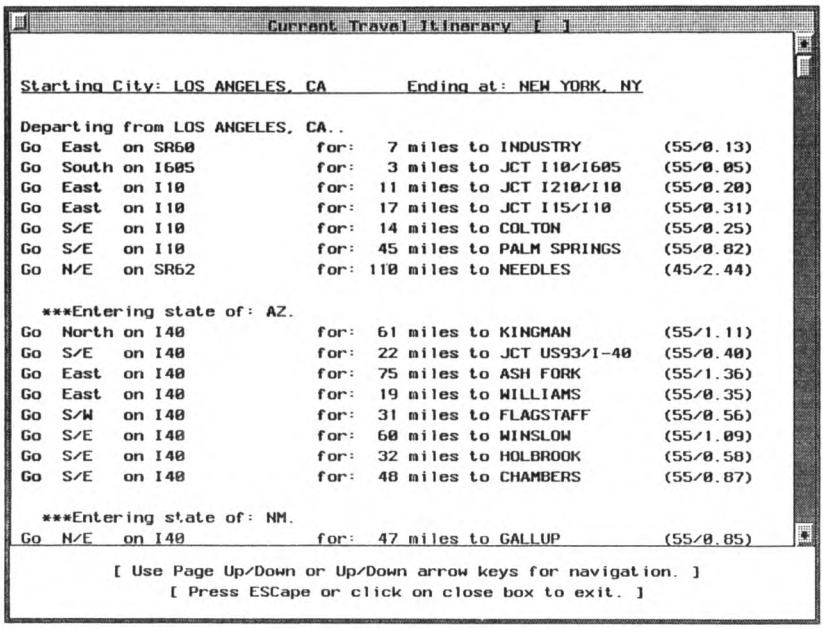
The Quick Planner simply asks you for the starting and destination cities. Just type in the city names and press <Enter>. If the program can't identify the city name immediately, you'll see a popup list of cities whose names most nearly match yours. Keyboard users, use the up or down arrow keys to highlight the city of your choice. Mouse users may simply move the mouse cursor to a city name and press and release the left mouse button twice. Keyboard users, use the Tab key to jump from the starting city box to the destination city box. Once the cities are set, you may select the Calculate button to plan your route, or the Exit button to cancel.


Quickest Method Selected
Starting City:
Ending City:
KENDALL, FL
SAN FRANCISCO, CA
NOTE: Press the enter key after entering city name.
Enter a city or junction name. Enter any portion of the city name for a list of matching cities. Select the calculate button when ready to plan your trip.
Calculate
Exit
Itinerary
Method
Draw Entire Route
Draw Route By State

Before calculating the route, you may also choose between the quickest or shortest route by selecting the Method button. Once you activate the button, a window will appear providing you with two buttons to make your choice: Quickest or Shortest. The other buttons, marked Itinerary, Draw entire route and Draw route by state will appear, but will be unavailable at this time.

Once you've activated the Calculate button, you'll see a window indicating the state of the search routine. The program will make several passes, taking trip classification, road type and speed limits into consideration to find the optimum route. If you wish to set a preference for a certain type of road increase the speed limit on that type while decreasing the speed limits on the others. The program will try to avoid the 'slower' roads as much as possible. This can be used to calculate a rural or scenic route instead of taking major freeways and other national primary roadways.

Once the program has chosen a route, a window will give you the distance in miles, time it takes to get there, the classification of the trip and the number of road segments. A road segment is the shortest measure of travel from one point to another. Press the OK button to return to the previous window.


Current Travel Itinerary [ ]
Starting City: LOS ANGELES, CA Ending at: NEW YORK, NY
Departing from LOS ANGELES, CA..
Go East on SR60 for: 7 miles to INDUSTRY (55/0.13)
Go South on I605 for: 3 miles to JCT I10/I605 (55/0.05)
Go East on I10 for: 11 miles to JCT I210/I10 (55/0.20)
Go East on I10 for: 17 miles to JCT I15/I10 (55/0.31)
Go S/E on I10 for: 14 miles to COLTON (55/0.25)
Go S/E on I10 for: 45 miles to PALM SPRINGS (55/0.82)
Go N/E on SR62 for: 110 miles to NEEDLES (45/2.44)
***Entering state of: AZ.
Go North on I40 for: 61 miles to KINGMAN (55/1.11)
Go S/E on I40 for: 22 miles to JCT US93/I-40 (55/0.40)
Go East on I40 for: 75 miles to ASH FORK (55/1.36)
Go East on I40 for: 19 miles to WILLIAMS (55/0.35)
Go S/W on I40 for: 31 miles to FLAGSTAFF (55/0.56)
Go S/E on I40 for: 60 miles to WINSLOW (55/1.09)
Go S/E on I40 for: 32 miles to HOLBROOK (55/0.58)
Go S/E on I40 for: 48 miles to CHAMBERS (55/0.87)
***Entering state of: NM.
Go N/E on I40 for: 47 miles to GALLUP (55/0.85)
[Use Page Up/Down or Up/Down arrow keys for navigation.]
[Press ESCape or click on close box to exit.]

The Itinerary, Draw entire route and Draw route by state buttons will now be available. When you select the Itinerary button, you'll see a segment by segment itinerary of the trip just planned, listing each segment by road name, the next midpoint on that road or the next road, and direction. Each line will tell you how

many miles the segment is, and your expected driving time for each segment. A total will appear at the bottom. You will also see the total gallons of gas consumed and gas expense. If the itinerary is longer than one screen, keyboard users may use the PgUp, PgDn, Up or Down arrow keys to move through the listing. Mouse users may move the mouse cursor to the scroll bar and press and release the left mouse button.

The Draw Entire route command will display a map of the entire U.S. with the program's entire road network overlayed on it. It displays the name of the source and destination cities, draws the actual route previously calculated and names all of the major roads on the map. This map can be printed from the USA road network command from the Print menu, discussed in Chapter 7.

The Draw route by state command will display a color-coded road network of your departure city's state. The menu title will display the states travelled across in the order of source to destination. The route travelled will be highlighted in yellow. Two buttons (*Prev* and *Next*) will appear in the bottom left corner. The program also labels the route travelled. This gives you the option of viewing your road map by state in any direction of travel from departure to destination. Press **Esc**ape, or move the mouse cursor to the close box in the upper left hand corner and press and release the left mouse button to return to the main menu.

Travelling Speed

This command allows you to tell the program the average speeds you prefer to drive according to the road type. The program will then match your preferences according to the type of roads it finds along your route. A window will appear with four boxes in which you may enter your preferences. The types of roads are interstate, toll roads, U.S. highways, and state roads. Remember, the speeds you set can also work as a preference setting.

Gas Consumption

This allows you to tell the program the average mileage you get for your car. A window will appear in which you may enter your mileage, and the average price you expect to pay per gallon. Once you've entered the figures, hold down the Alt key and press 'O' to accept ('OK'), or press **Esc**ape to go back to the settings before you made any changes at this screen. The figures you enter will be used to calculate the total gas consumption and expenses for each trip you plan.

Chapter 6: The Display Menu

The Display menu allows you to control how Expert Travel Planner displays your route on screen. You may view a U.S. detailed map, state maps, and special

representations of the roads on your route. You may also display your itinerary on screen.

Locate a City... F5

This command displays a small window allowing you to type in the name of the city you wish to display. After typing in the name, press <Enter>. The city will then be displayed on the U.S. map, a red square representing the city's location and city name to the right of it. You can use this feature to customize your U.S. map with only the city names you wish, plus your route prior to printing.

Refresh Screen

If you've highlighted roads or cities on the road network display, this allows you to 'clear' or remove the highlights, making the display more readable. The base U.S. map will be redrawn erasing all routes or city names previously displayed.

Standard USA Map

This command displays a colored U.S. map. It displays the state abbreviation and four clock symbols to indicate the different time zones. The box in the bottom left corner displays the most current route or the last trip planned.

Comprehensive USA Map

This command displays an outline of the 48 continental states making up the U.S. map. Every road in the program's database is drawn on the map. This gives you a good indication of Travel Planner's extensive road network. Each road is drawn in different colors that represent their class: Interstates-Red, U.S. and other primary roads-magenta, toll roads-blue and state roads-green. In some cases where multi-lane highways are both U.S. and/or State roads, they are put into a class 1 or interstate class.

State Road Network... F6

This command allows you to display the road network for the state selected. You'll see a popup list of state names. Keyboard users, use the up or down arrow keys to highlight your choice. Mouse users may simply move the mouse cursor to a name and press and release the left mouse button. Keyboard users, when your state is selected, press Alt and 'O' (for the 'OK' button), or Alt and 'X' to cancel. Mouse users may select the button of their choice by moving the mouse cursor to it and pressing and releasing the left mouse button twice.

Once the network is displayed, you may highlight roads, segments and cities of your choice. You'll see a color-coded series of lines indicating the roads for that states, along with squares indicating cities. (The city names appear above each

square. Travel planner allows you to select the cities you wish to display on your state road network, see *Edit:City editor* below). The road's color codes are as follows:

Blue:	Toll roads
Magenta:	U.S. highways and State roads
Green:	Local roads
Red:	Interstates or Expressways

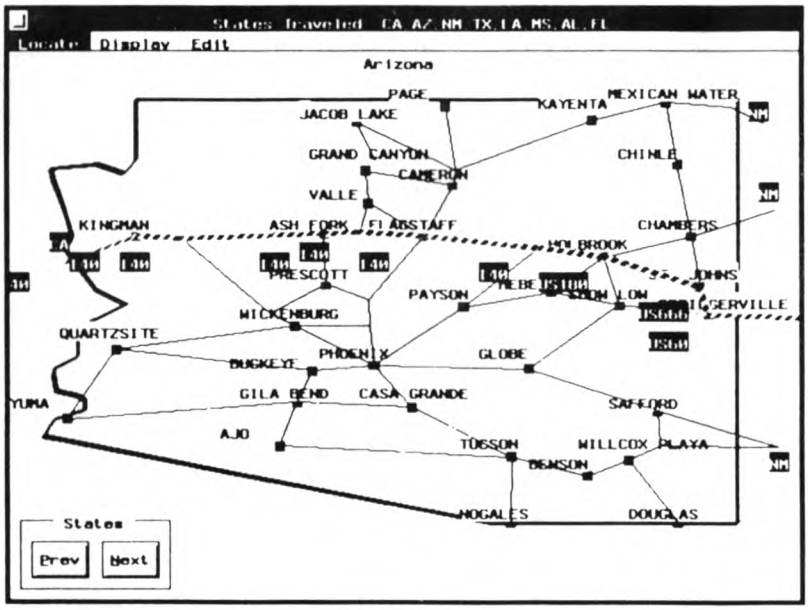
Expert Travel Planner allows you to highlight or find details of any road, city or segment on the map. These are accessible on a menu which becomes available once *State Road Network* is selected. It includes three menu titles called Locate Display and Edit:

Locate: Entire Road

This allows you to pick the name of a road from a list and tell the program to highlight it (making it easier to find if there are many roads on screen). When you execute the command, you'll see a list of road names. Keyboard users, use the up or down arrow keys (or PgUp or PgDn if there are many roads) to highlight the road of your choice. Mouse users may simply move the mouse cursor to a road name and press and release the left mouse button. Keyboard users, when your road is selected, press Alt and 'O' (for the 'OK' button), or Alt and 'X' to cancel. Mouse users may select the button of their choice by moving the mouse cursor to it and pressing and releasing the left mouse button. The road will appear as a black dotted line with a yellow highlight. The road is labeled by segment.

Locate: Road Segment

This allows you to pick a road segment, i.e., a single road between two connected cities, from a list and tell the program to highlight it. When you execute the command, you'll see a list of city names and road names. The origin city will be on the left, the destination in the middle, and the road connecting them at the right. Keyboard users, use the up or down arrow keys (or PgUp or PgDn) to highlight the segment of your choice. Mouse users may simply move the mouse cursor to a segment description and press and release the left mouse button. Keyboard users, when your segment is selected, press Alt and 'O' (for the 'OK' button), or Alt and 'X' to cancel. Mouse users may select the button of their choice by moving the mouse cursor to it and pressing and releasing the left mouse button. The segment will appear as a black dotted line with a yellow highlight.



Locate: Find City

This allows you to find a city on screen, which is helpful if it doesn't appear at first. When you execute the command, you'll see a list of city names. Keyboard users, use the up or down arrow keys (or PgUp or PgDn) to highlight the city of your choice. Mouse users may simply move the mouse cursor to a city name and press and release the left mouse button. Keyboard users, when your city is selected, press Alt and 'O' (for the 'OK' button), or Alt and 'X' to cancel. Mouse users may select the button of their choice by moving the mouse cursor to it and pressing and releasing the left mouse button. The city point will appear as a red square and the city name will appear nearby, as black text on a bright cyan background.

Display: Draw Current Route

This command loads the current trip and draws it. The departure state's roads network will appear with the current route highlighted and roads labeled, in the route status window. Select the next or previous state's maps by selecting the Next or Prev buttons.

Display: Refresh Screen

If you've highlighted roads or cities on the road network display, this allows

you to 'clear' or remove the highlights, making the display more readable.

Display: Print Screen
This command allows you to print the state road network currently viewed on screen. Be sure to note the printer type (in parentheses) before printing. If it does not match your printer, use the Printer Setup command on the Print menu to select the appropriate type. Be sure your printer is on and on-line, and connected on LPT1.

Display: Capture to File

This allows you to save the road network display to a file. Note that the file will be called 'CAPTURE.SCR.' If you've saved a file with that name previously, it will be overwritten.

Display: Show Capture

This displays a file previously saved with the 'Capture to File' command.

Display: Close road network

This allows you to close the road network display window and return to the main menu. Note: mouse users may also select the Close button in the upper left hand corner.

Edit: City Editor

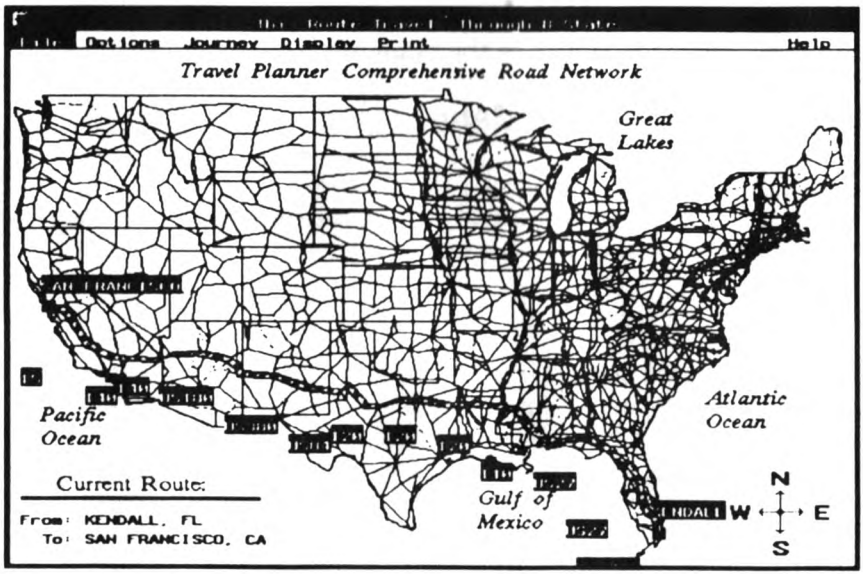
This command allows you to choose which cities you wish to display on your state road network map. Choose any city from the scrolling list in the new window. The checkbox will show whether a particular city name will display mouse button. Keyboard users should use the ALT + S key to toggle on/off. To move the city editor window, keyboard users may use the radio buttons marked *left, center* or *right*. This moves the editor window so that you can see the road network map. Mouse users may place the mouse pointer on the menu title bar (blue bar at the top), then press and hold down the left mouse button, then drag the window to any suitable location. Release the mouse button when the window is placed to your satisfaction. After selecting city names from the editor, use the Refresh Screen command from the Display menu to redraw the screen with the updated cities.

Edit: Road pixel width

The road width is measured in pixels (a single screen 'dot'). This command allows you to adjust the width of the road on your map to your liking. The larger the number of pixels, the thicker the line for the road.

Current Route Status

This command will display the current route in a new window; if there is no current route; it will display the last trip planned. It will list departure city, ending city, total distance in miles, time taken, the number of road segments, the number of states travelled across and the classification of the trip.



Draw Entire route... F7

The Draw Entire route command will display a map of the entire U.S. with the program's entire road network overlayed on it. It displays the name of the source and destination cities, draws the route previously calculated and names all the major roads. This map maybe printed from the USA road network command under the Print menu, discussed in Chapter 7.

Draw Route by State... F8

This command displays the state road network, highlighting the current route and labelling the roads. Select the next or previous state's maps by selecting the Next or Prev buttons. This command launches you into the state road network screen; all those commands are described above; see *State Road Network.*

Travel Itinerary... F9

This command allows you to display the most recently selected travel itinerary.

The listing will appear as a segment by segment itinerary of the trip just planned, listing each segment by road name, the next midpoint on that road or the next road, and direction. Each line will tell you how many miles the segment is, and your expected driving time. A total will appear at the bottom. You will also see the total gallons of gas consumed and gas expense. If the itinerary is longer than one screen, keyboard users may use the PgUp, PgDn, Up or Down arrow keys to move through the listing. Mouse users may move the mouse cursor to the scroll bar and press and release the left mouse button. Press **Esc**ape, or move the mouse cursor to the close box in the upper left hand corner and press and release the left mouse button to return to the main menu.

Chapter 7: The Print Menu

The Print menu allows you control printer settings and print some of the information Expert Travel Planner can show you.

Printer Setup

This allows you to tell the program whether you have a dot matrix or laserjet printer. Mouse users, simply move the mouse cursor to the circle next to your choice, and press and release the left mouse button. Keyboard users, press Alt plus 'D' for dot matrix, Alt plus 'L' for laserjet. When you've made your choice, press Alt plus 'O' for OK, **Esc**ape to return without making a decision. Mouse users may move the mouse cursor to the button and select it by pressing and releasing the left mouse button, or by selecting the close box in the upper left hand corner.

Travel Itinerary

This allows you to print the most recently calculated travel itinerary.

Cities List

This allows you to print a list of all the U.S. cities Expert Travel Planner keeps track of.

USA Road Network

This command prints the comprehensive U.S. road network and any additions or modifications that you may have entered on that map. Plot your route on the comprehensive U.S. map, name your intermediate stops then print a copy to take along with you.

Chapter 8: The Help Menu

The Help menu allows you to view helpful information about using the program in a window. You'll use buttons and scroll bar to view various topics. The first topic tells you all about using the Help menu.

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